



Canyon Springs Slope Stability

**Professional Services Agreement with
Geosyntec for Slope Repair and Trial Improvements**

July 21, 2026

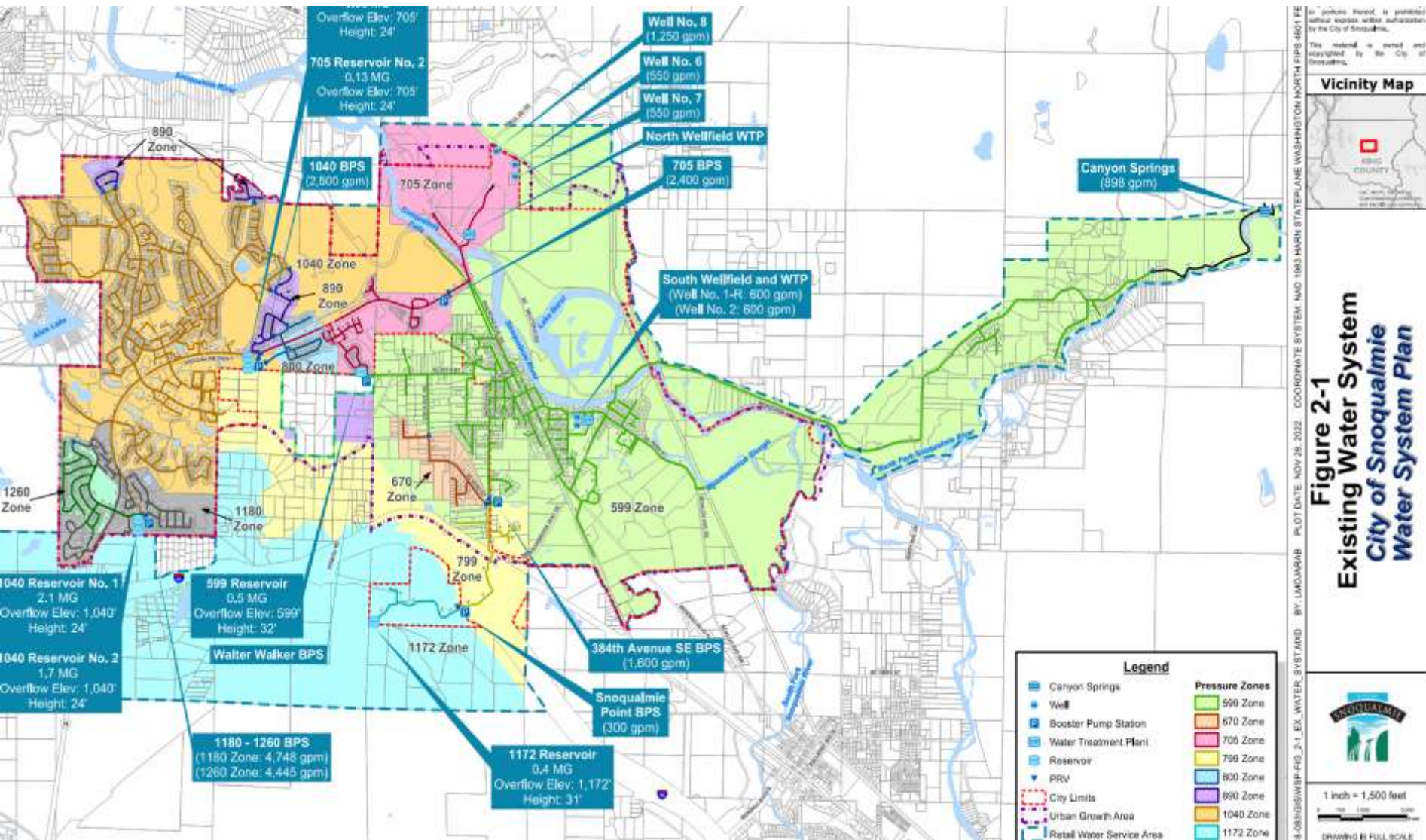
Parks & Public Works

PURPOSE



Alert council to recent
geologic activity at
Canyon Springs and
award contract to
Geosyntec

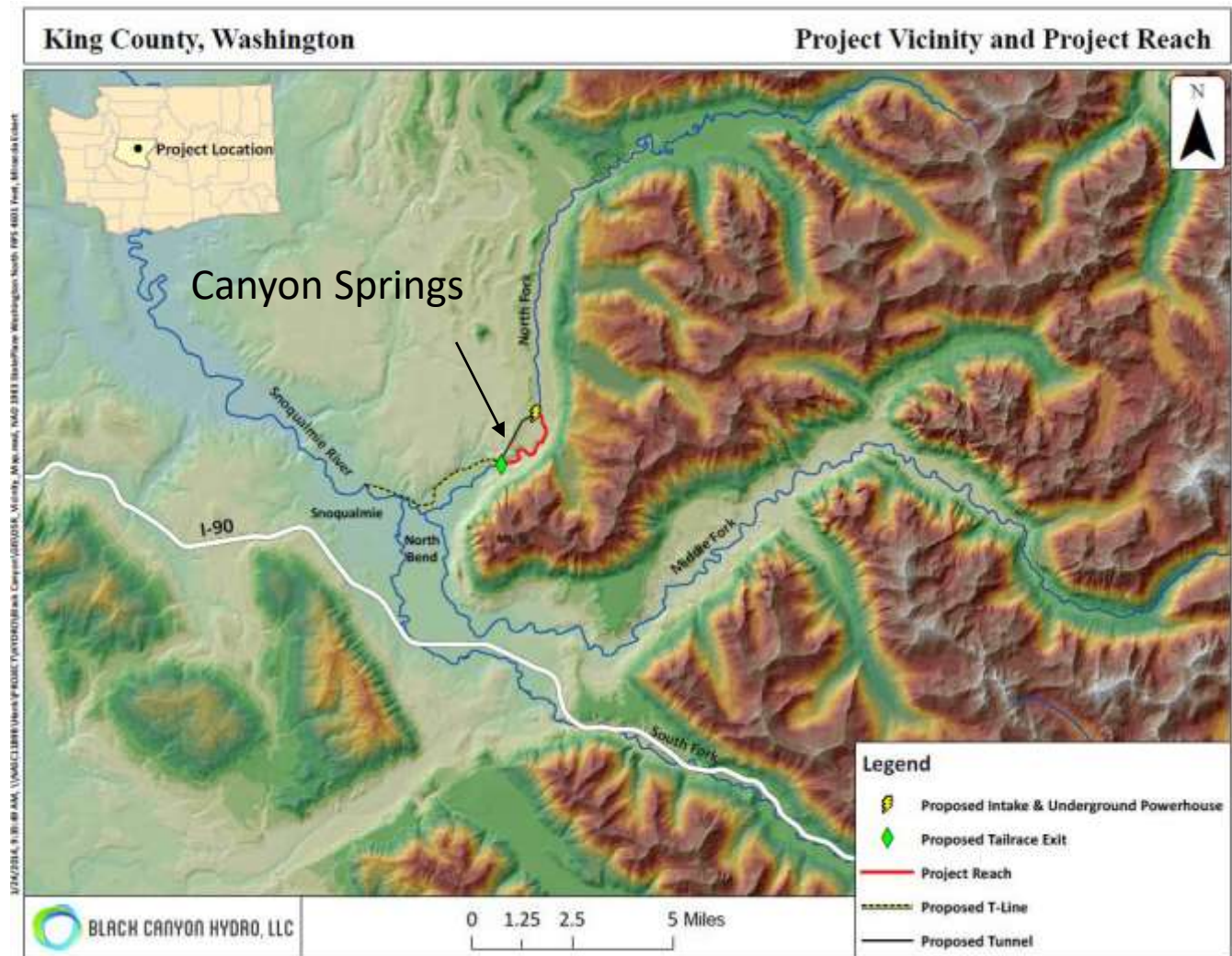
Water System Map



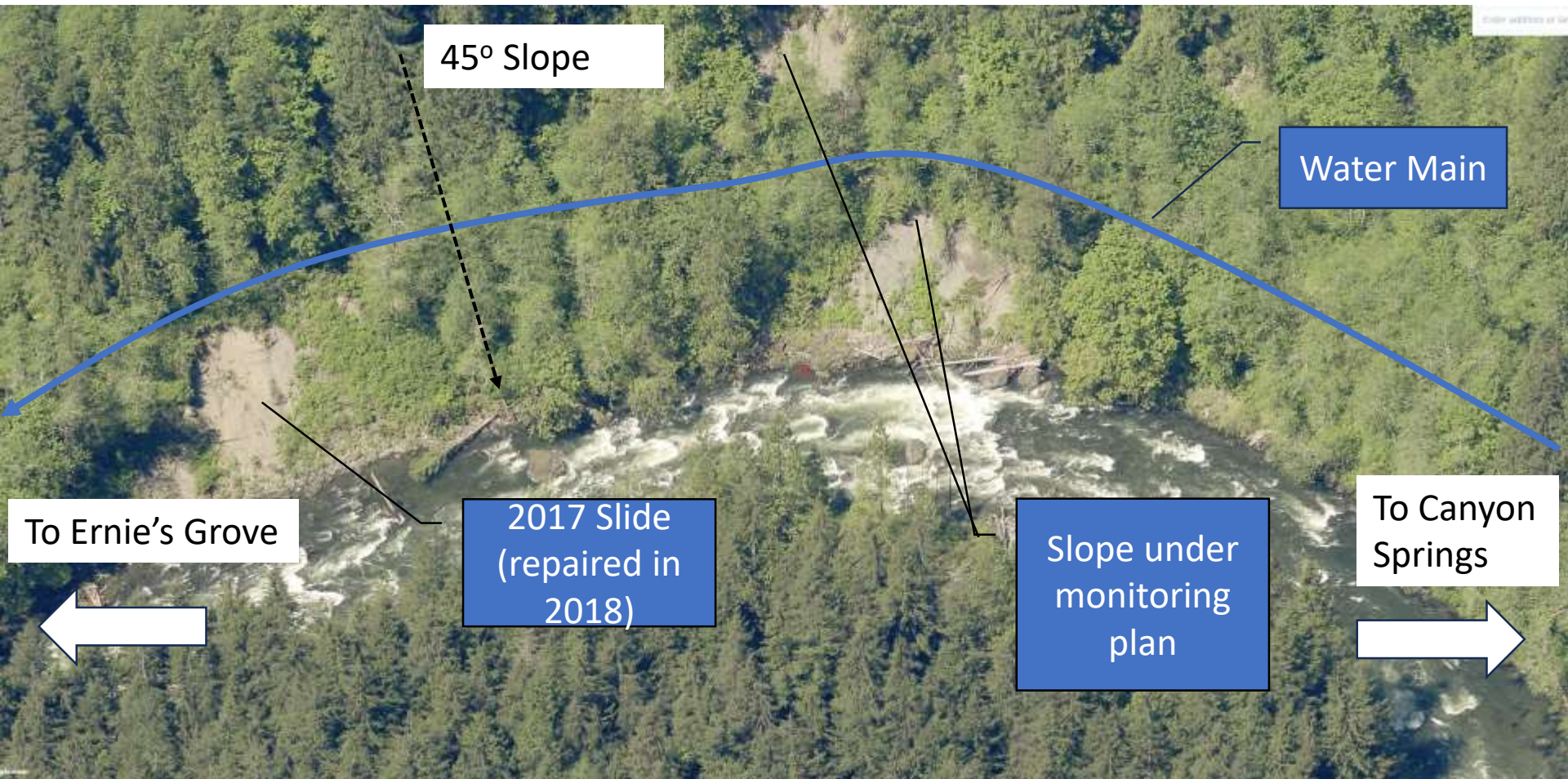
Canyon Springs Site Location



Located on
North Fork
Snoqualmie
River, approx. ½
mile northeast
of Ernie's Grove

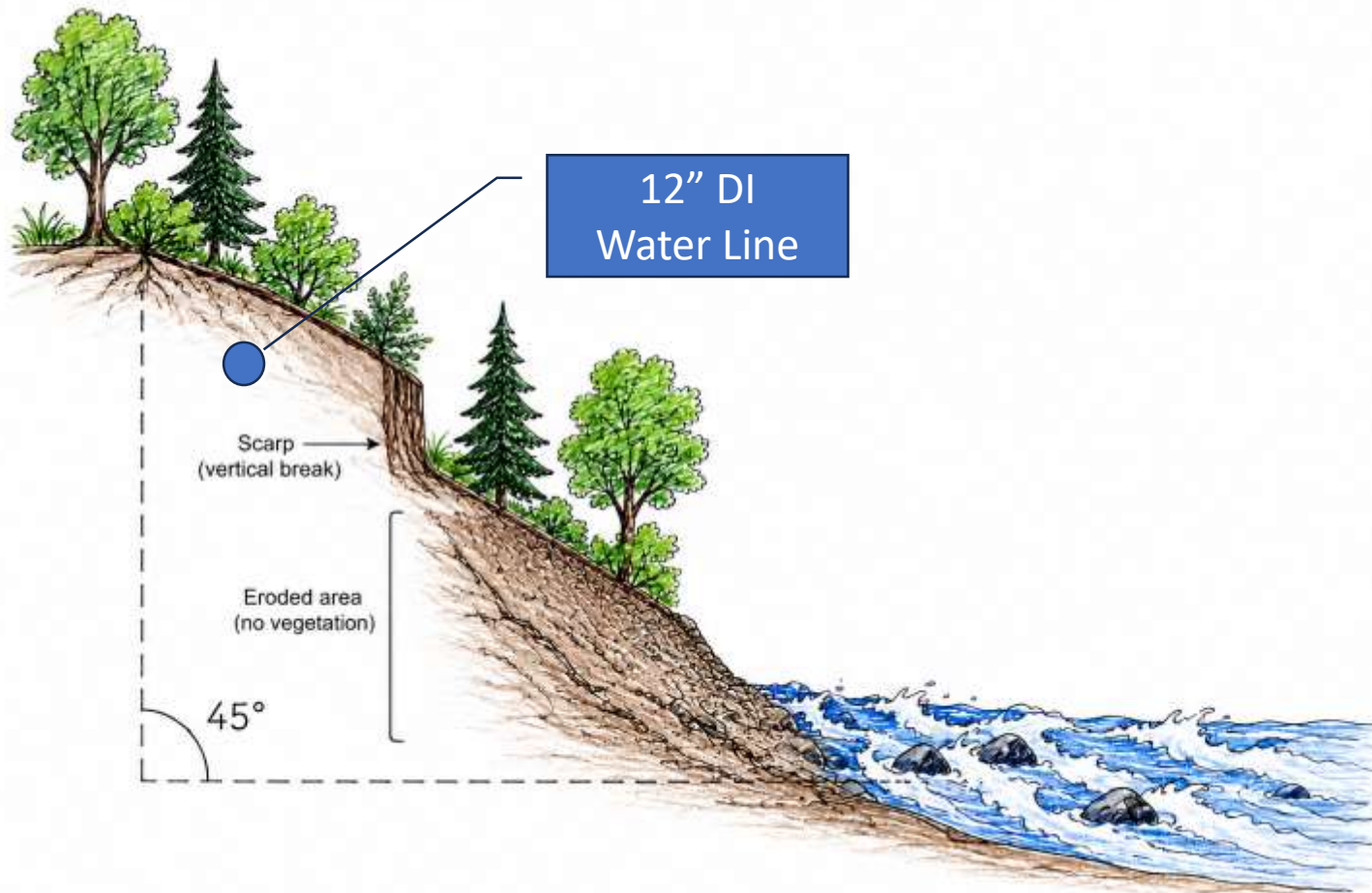


2017 Aerial Imagery



2017 Aerial Image

Schematic View



2018 Slope Repair



Before



After





Annual Monitoring

Annual Monitoring

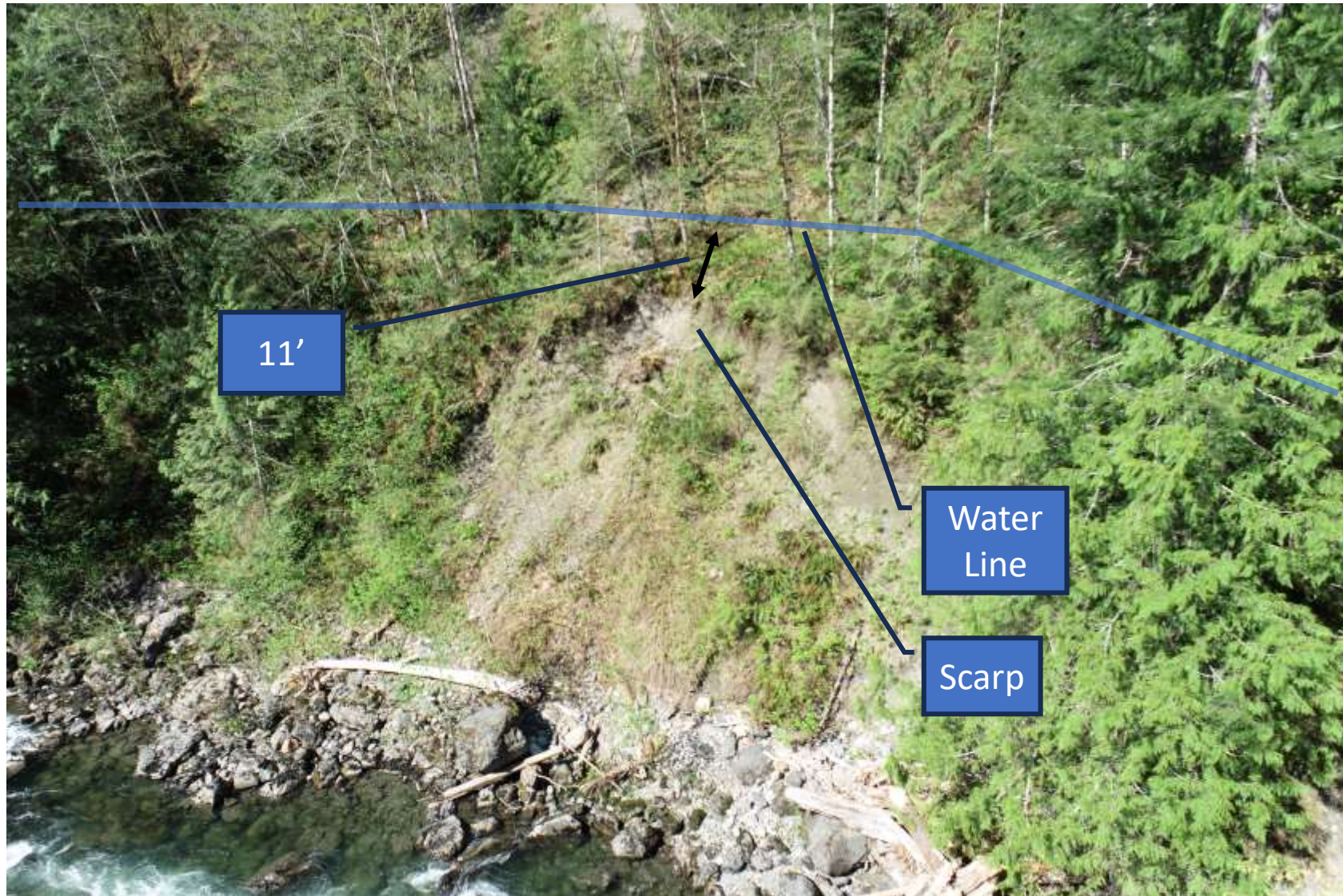
Year	Pipe to Scarp (ft)

Slide Downslope from pipeline STA 42+00 and 43+50

- “Although this slide does not threaten the pipeline now, it almost certainly will within a few decades... When the distance to the scarp is about 10 feet... planning for the slope repair should start.”

Aspect - 2018

April 2026 Aerial Image



CIP Worksheet



WATER CAPITAL PROJECT OR PROGRAM

CANYON SPRINGS IMPROVEMENT PROJECT

CIP Project ID:	TBD	Previously Spent:	\$0
Department:	Water	Current Project Budget:	\$1,549,308
Project Status:	Pre-Design	Original Budget at CIP Inception:	\$1,253,000
Project Location:	Canyon Springs	Years Project in CIP:	0
Project Contact:	Dylan Gamble	Contact Email:	dgamble@snoqualmiewa.gov

Project Description:

The spring collector boxes and access trail to Canyon Springs have degraded since it was last serviced in the early 1980s. Erosion and slope failures threaten the spring collectors and transmission pipe. Repairs are necessary to provide for the long term operation of this critical water source.

Community Impact:

Slope stabilization efforts will be required along the transmission main within 10 years. The access trail requires attention to address slope erosion issues and to provide for maintenance access. The spring collector boxes require maintenance to provide for long-term operation. The City is also considering a booster pump for the transmission main to provide for potential increased water supply, contingent on procurement of increased water right from the spring source.

Photo or Map:



Operating Impact:

This project is not expected to impact the operating budget.

CIP Worksheet



Budget:

Project Activities	% of Budg.	Total Activity Budget	Previously Spent	2025	2026	2027	2028	2029	2030	2031 or Beyond
Analysis	0%	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	7%	\$ 106,345		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 106,345	\$ -
Construction	83%	\$ 1,283,446		\$ 220,000	\$ -	\$ -	\$ -	\$ -	\$ 1,063,446	\$ -
Const. Manage	0%	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
Contingency	10%	\$ 159,517		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 159,517	\$ -
Art	0%	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
Labor	0%	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
Other	0%	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
TOTAL	100%	\$ 1,549,308		\$ 220,000	\$ -	\$ -	\$ -	\$ -	\$ 1,329,308	\$ -
Operating		\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

TOTAL PROJECT BUDGET: \$1,549,308
TOTAL OPERATING BUDGET: \$0

Anticipated Funding Mix:

Source	Total Sources	Previously Allocated	2025	2026	2027	2028	2029	2030
Utility Fees ("Rates")/Bonds	\$ 1,549,308	\$ -	\$ 220,000	\$ -	\$ -	\$ -	\$ -	\$ 1,329,308
TOTAL	\$ 1,549,308	\$ -	\$ 220,000	\$ -	\$ -	\$ -	\$ -	\$ 1,329,308

Fiscal This project covers F10 and F13 in the preliminary Water System Plan.

TOTAL FUNDING SOURCES: \$1,549,308
FUTURE FUNDING REQUIREMENTS: \$0

Notes:

Contract



Task	Title	Labor	Direct Costs and Subs	Total
Task 1 - Data Collection and Review		\$14,660	\$12,725	\$27,385
Task 2 - Analysis, Design, Reporting		\$25,447		\$25,447
Task 3 - Plans and Specifications		\$43,516		\$43,516
Task 4 - Meetings and Correspondence		\$13,320		\$13,320
Task 5 - Project Management		\$8,183		\$8,183
Total Budget		\$105,126	\$12,725	\$117,851



**Thank You
&
Questions?**



May 2025 Image



Drone Video



- "W:\!ENGINEERING\!PROJECTS\Canyon Springs Slope Stabilization (2026)\Background & Ref Mats\Before Photos\OneDrive 2026-05-26\Snoqualmie Drone Footage\DJI 0481.MOV"